Bruhat Bangalore Mahanagara Palike
Excecutive Engineer Yelahanka Project Division

Name of Work: Modified Estimate for Construction of Public Toilets at Parks in ward no. 04 Yelahanka New Town

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
1	KSRB 2-2 : Earthwork excavation by manual means for foundation of buildings, water supply and sanitary lines and electrical conduits etc, either in pits or in trenches 1.5m and above in width, in soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. including breaking of clods complete as per specifications in hard soil. (I No-2.4,P No-6) KPWD S.R 2018-19								
	Allalsandra lake road	1	183.50	1.05	1.83	352.60			
			Area						
	For manhole	7	1.13		1.90	15.03			
						367.62	**Cum**	**499.00**	**183444.50**
	Quoted Rate	**499.00**							
2	KSRB 12-1.4 : Providing and laying in position to required level or slope 230mm internal diameter salt glazed stoneware pipes grade A and jointing with stiff mixture of cement mortar in proportion of 1:1, testing of pipes and joints,including cost of materials, labour charges complete as per specifications. Specification No. KBS 12.2.5 / 12.7 (I No-11.4,P No-72) KPWD S.R 2018-19								
	Basic rate	536.00							
	6.00% AW	32.16							
	Total	568.16							
	Allalsandra lake road	1	183.50			183.50			
						183.50	**m**	**596.56**	**109468.76**
	Quoted Rate	**596.56**							
3	KSRB 2.6 : Providing and filling sand in foundation upto plinth to required depth for sub soil treatment including watering ramming with all lead and lift complete as per specifications, specification. No. KBS 2.10.2 (Page 7, Item No 2.13) KPWD S.R 2018-19								
	Basic rate	2060.00							
	6.00% AW	123.60							
	Total	2183.60							
	Allalsandra lake road	1	183.50	0.70	0.40	51.38			
						51.38	**Cum**	**2292.78**	**117803.04**
	Quoted Rate	**2292.78**							

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
4	KSRB 12-5.3 : Constructing brick masonry circular type manhole 1.22 m internal dia at bottom, 1.68 m deep and 0.56m dia at top, with table moulded and non modular bricks of class designation 50 in cement mortar 1:4, inside cement plaster 12mm thick with cement mortar 1:3, finished with a floating coat of neat cement, foundation concrete M 10 using 40mm and down size granite metal and making necessary channel in cement concrete M 15 with 20mm and down size granite metal, finished with a floating coat of neat cement, with S.F.R.C. cover and frame (heavy duty, HD-20 grade designation) 560mm internal diameter confirming to IS :12592, total weight length of cover and frame to be not less than 182 kg, fixed in cement concrete M 15 20mm and down size broken granite metal, providing and removing centering, shuttering including cost of materials, labour charges, HOM of mechineries complete as per specifications. (Excavation, footrests and 12mm thick cement plaster on the external surface shall be paid seperately) Specification No. KBS 12.4 (I No-11.39,P No-74) KPWD S.R 2018-19								
	Basic rate	29318.00							
	6.00% AW	1759.08							
	Total	31077.08							
	UGD Manhole	7				7.00			
						7.00	**Nos**	**32630.93**	**228416.51**
	Quoted Rate	**32630.93**							
5	KSRB 2-4 : Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m. and lift upto 1.5 m. including cost of all labour complete as per specifications. (I No-2.11,P No-7) KPWD S.R 2018-19								
	Basic rate	121.00							
	6.00% AW	7.26							
	Total	128.26							
	From item no. 1					367.62			
	Deduct from item no. 3					-51.38			
						316.24	**Cum**	**134.67**	**42,588.61**
	Quoted Rate	**134.67**							
6	KSRRB M400-17. Providing, laying, spreading and compacting cushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification No. 406 (P.No.155 I.No.20.18) KPWD SR 2018-19								
	Basic rate	1888.00							
	6% AW	113.28							
	Total	2001.28							
	Allalsandra lake road	1	183.50	1.05	0.300	57.80			
						57.80	**Cum**	**2101.34**	**121462.71**
	Quoted Rate	**2101.34**							

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
	KSRB 15.3 : Providing 12mm thick cement plaster in single coat with cement mortar to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. KSRB15-3.2 : – do – cement mortar 1:4. (P.No.115 I.No.15.10) KPWD SR 2018-19								
7	Basic rate	204.00							
	6% AW	12.24							
	Total	216.24							
	For manhole	7	2.50		0.350	6.13			
						6.13	**Sqm**	**214.20**	**1,311.98**
	Quoted Rate	**214.20**							
	KSRB 4-1.5 : Providing and laying in position plain cement concrete of Mix M20 with OPC @ 300kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.43cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing complete as per specifications. Specification No. KBS 4.1, 4.2. (P.No.13 I.No.4.5) KPWD SR 2018-19								
E1	Basic rate	5328.00							
	6% AW	319.68							
	Total	5647.68							
	4.9% Above	276.74							
	Total	5924.42							
	For manhole	1	183.50	1.04	0.100	19.08			
	Ramp	1	10.00	4.00	0.075	3.00			
						22.08	**Cum**	**5924.42**	**130834.81**
								Total Construction Cost	**935330.92**
								Miscellaneous & Rounding off	**866.83**
								GRAND TOTAL	**936197.75**

Assistant Engineer
Yelahanka Project Division
BBMP Bangalore
30/6/2020

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30/6/2020

Technical Sanction
Accorded For RS936197
Head of A/C P3379
CER NO :.....08..... Dt:30.06.2020

TA CE (YNK)